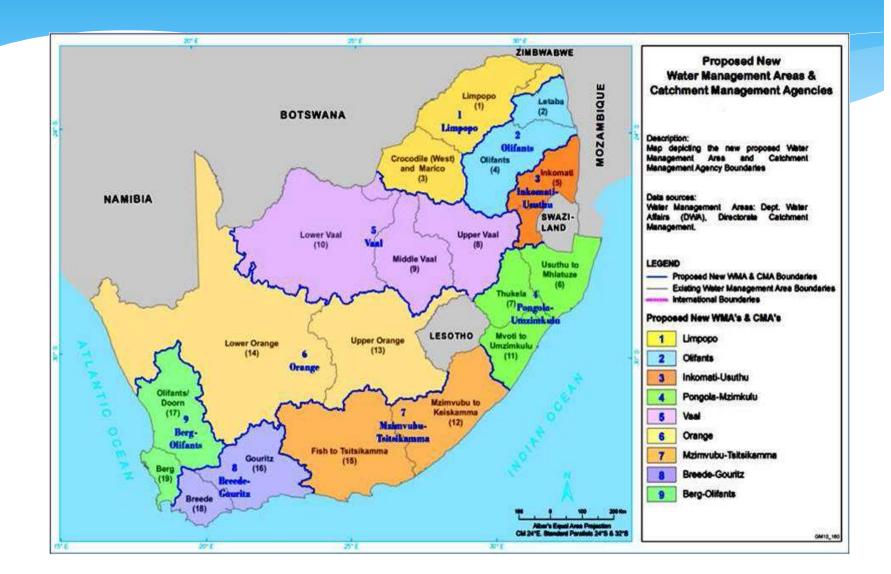
BREERE-GOURITZ

Catchment Management Agency
Opvanggebied Bestuursagentskap
I-Arhente yoLawulo lomMandla nokungqongileyo

Link between the study and the Catchment Management Strategy.



Water Management Areas



Integrated Water Resource Management

- Integrated water resource management (IWRM) may be defined simultaneously:
 - as a philosophy, a process and strategy
 - promotes at a local catchment, regional, national and international level the co-ordinated development and management of water resources
 - > in order to ensure optimum economic and social benefits in an equitable manner without compromising the sustainability of aquatic ecosystems













Fundamental Principles of Integrated Water Resources Management

Sustainability and Equity

Protection

Use

Development

Management

Conservation

Control



WATER RESOURCES

Water courses, surface and groundwater, wetlands and estuaries

ES

Recognising

Basic human needs of present and future generations

Need to protect water resources

Need to share water resources with other countries

Need to promote socio-economic development through use of water

Establishment of suitable institutions

BREEDE-GOURITZ

Catalhament Management) Agency Operange-bind Restaurusgentokop luhanto yid Jumfa YakiAklandia haliunggungSupa

Principles guiding CMS development

- Recognising the difference between catchments
- Institutional legitimacy and collaboration with key institutions
- Process
 management and
 stakeholder
 participation/
 awareness
 creation
- Transparency
- A focus on the poor and vulnerable
- A focus on efficiency
- The CMS as a living process

Catchment description

- biophysical, social, economic, political and institutional characteristic
- *what is it likley to look like in the next 10 20 years

Situation assessment

 what does the current situation in the WMA mean for achieving equity, sustainability and efficiency in IWRM?

Reconciliation

- •how much wtaer is available for use in teh WMA
- •what is teh demand
- •what will the situation be under future scenarios?

Developing a vision

 what do the stakeholders in the catchment want to see with respect to IWRM (equity, sustainability and efficiency)

Water Resource Protection

- •Reserve
- Classification
- •Resource Quality Objectives

should be involved?

Regulating Water Use

- •Source Directed Measures (eg WWTW)
- Water Use Authorisation (quality and quantity conditions, limits, monitoring)

Monitoring and Information

- what monitoring and information is needed
- ·who needs to know what and when
- how should it be reported to make it useful in implementing the CMS?

Funding IWRM

•How will IWRM be funded?

Co-operative relationships

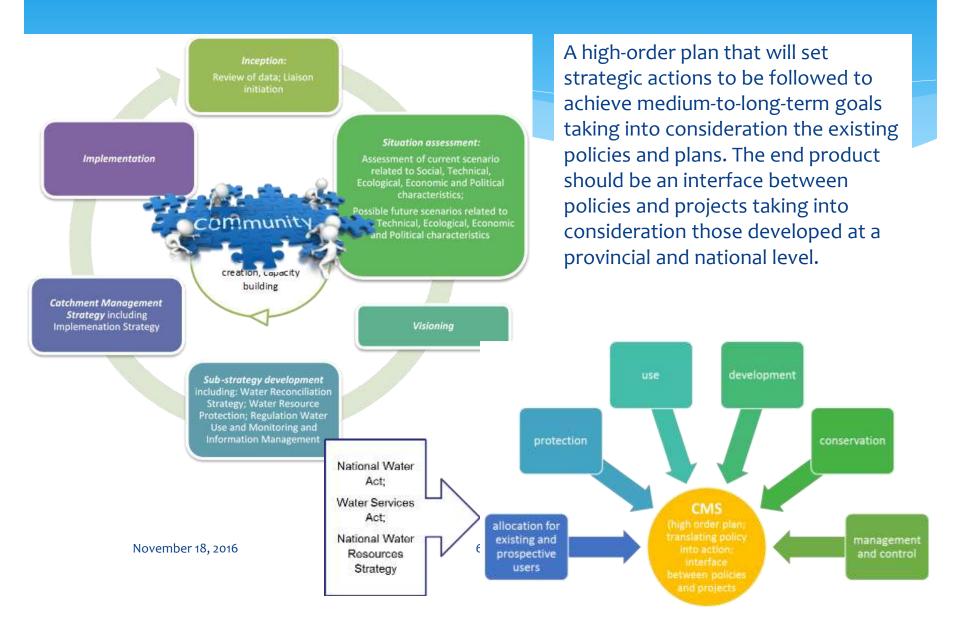
 how can a co-operative environment for the implementation of the CMS be established and maintained?

Implementation

. Who must do what, where, when and how

How should they be involved?

CATCHMENT MANAGEMENT STRATEGIES



Closing remarks.

The two projects are supporting each other and where feasible resources are shared.

The CMS will be completed before this project.

This first order CMS for the Breede-Gourits will include objectives to be achieved that are linked to the RC and RQOs.

RC and RQOs are the basis/foundation of IWRM. Meaning that it will impact/influence all actions with regards to IWRM.

For the basis to be strong the involvement of stakeholders are important.

THE END.

